

| Ref # | Hits | Search Query                                | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 12   | "4667627"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/04 18:10 |
| L2    | 3    | "6073345"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/04 18:24 |
| L3    | 2    | Ritter\$.in. near2 Clyde                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/04 18:24 |
| S1    | 19   | "4251273"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/27 14:35 |
| S2    | 17   | "5471092"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/15 19:08 |
| S3    | 8    | "5500499"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/15 19:12 |
| S4    | 1    | 10/697836                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 18:53 |
| S5    | 97   | 29/888.2.ccls.                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 19:50 |
| S6    | 27   | 29/888.2.ccls. and (lifter\$2 or tappet\$2) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/19 15:01 |

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| S7  | 127  | 29/888.43.ccls.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 15:24 |
| S8  | 3    | 29/888.43.ccls. and silver                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/27 18:50 |
| S9  | 2    | 29/888.43.ccls. and tungsten                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:02 |
| S10 | 1    | 29/888.43.ccls. and tungsten<br>near2 carbide | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/29 13:20 |
| S11 | 1701 | 123/90.48-90.53.ccls.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:14 |
| S12 | 952  | 123/90.54-90.59.ccls.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:14 |
| S13 | 1833 | 123/90.39-90.43.ccls.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:15 |
| S14 | 1232 | 123/90.44-90.47.ccls.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:15 |
| S15 | 751  | 123/90.12.ccls.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:15 |
| S16 | 66   | 123/90.13.ccls. not S15                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:15 |

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| S17 | 144  | 123/90.14.ccls. not S15 not S16                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:16 |
| S18 | 1758 | 123/90.15.ccls. not S15 not S16<br>not S17                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:44 |
| S19 | 1295 | 123/90.16.ccls. not S15 not S16<br>not S17 not S18                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:43 |
| S20 | 1257 | 123/90.17.ccls. not S15 not S16<br>not S17 not S18 not S19         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:17 |
| S21 | 149  | 123/90.18.ccls. not S15 not S16<br>not S17 not S18 not S19 not S20 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:17 |
| S22 | 332  | 123/90.33.ccls. not S15 not S16<br>not S17 not S18 not S19 not S20 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:17 |
| S23 | 270  | 123/90.34.ccls. not S22  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:18 |
| S24 | 150  | 123/90.35.ccls. not S22 not S23                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:23 |
| S25 | 1135 | 74/569.ccls. not S22 not S23                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 19:00 |
| S27 | 1410 | 74/567.ccls. not S22 not S23 not<br>S25                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:24 |

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| S31 | 0  | 123/90.16.ccls. not S15 not S16<br>not S17 not S18 and silver      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:43 |
| S32 | 2  | 123/90.15.ccls. not S15 not S16<br>not S17 and silver              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 18:44 |
| S33 | 4  | 29/888.43.ccls. and copper   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 19:07 |
| S34 | 28 | 29/888.43.ccls. and steel  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/20 16:56 |
| S35 | 15 | 29/888.43.ccls. and iron   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 16:29 |
| S37 | 5  | "5253418"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/21 17:05 |
| S38 | 28 | 29/888.43.ccls. and steel  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/28 15:35 |
| S39 | 13 | "4153017"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/21 17:36 |
| S40 | 7  | "3683876" and braz\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/27 14:36 |
| S41 | 2  | 29/888.43.ccls. and carbide same<br>cam near2 (face or contact\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/27 18:54 |

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| S42 | 0   | 29/888.43.ccls. and carbide same cam near2 (pad)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/27 18:54 |
| S43 | 1   | 29/888.43.ccls. and carbide same face not S41   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/27 18:54 |
| S44 | 17  | 29/888.43.ccls. and layer\$2  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/28 16:25 |
| S45 | 559 | tappet and layer\$2 not S44   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/28 16:32 |
| S46 | 45  | tappet and (alloy or multi) near2 layer\$2 not S44  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/28 16:49 |
| S47 | 298 | (tappet\$2 or lifter\$2) and (alloy or multi) near2 layer\$2 not S44 not S46  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/28 17:22 |
| S48 | 253 | (tappet\$2 or lifter\$2) and (bond\$4 or join\$4) near2 layer\$2 not S44 not S46                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/28 17:23 |
| S49 | 265 | (tappet\$2 or lifter\$2) and (bond\$4 or join\$4) near10 layer\$2 and (wear or face or pad) not S44 not S46 not S47 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/28 17:24 |
| S52 | 222 | (tappet\$2 or lifter\$2) and (bond\$4 or join\$4) near5 layer\$2 and (wear or face or pad) not S44 not S46 not S47  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/28 17:51 |
| S53 | 2   | "4740429" and (lifter or tappet)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/28 17:51 |

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| S54 | 20 | (tappet\$2 or lifter\$2) and tungsten near2 carbide near5 (wear or face or pad or plate) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/29 13:37 |
| S55 | 1  | (tappet\$2 or lifter\$2) and tungsten near2 carbide near5 cam\$2 not S54                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/29 13:38 |
| S56 | 26 | 29/888.43.ccls. and thick\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 16:05 |
| S57 | 11 | 29/888.43.ccls. and cast near2 iron  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 18:11 |
| S61 | 10 | 29/888.43.ccls. and thick\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 16:06 |
| S62 | 12 | 29/888.43.ccls. and thick\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 16:07 |
| S63 | 21 | 29/888.43.ccls. and thickness  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 16:07 |